

Figure 1.

Figure 2. Reaction scheme 1.

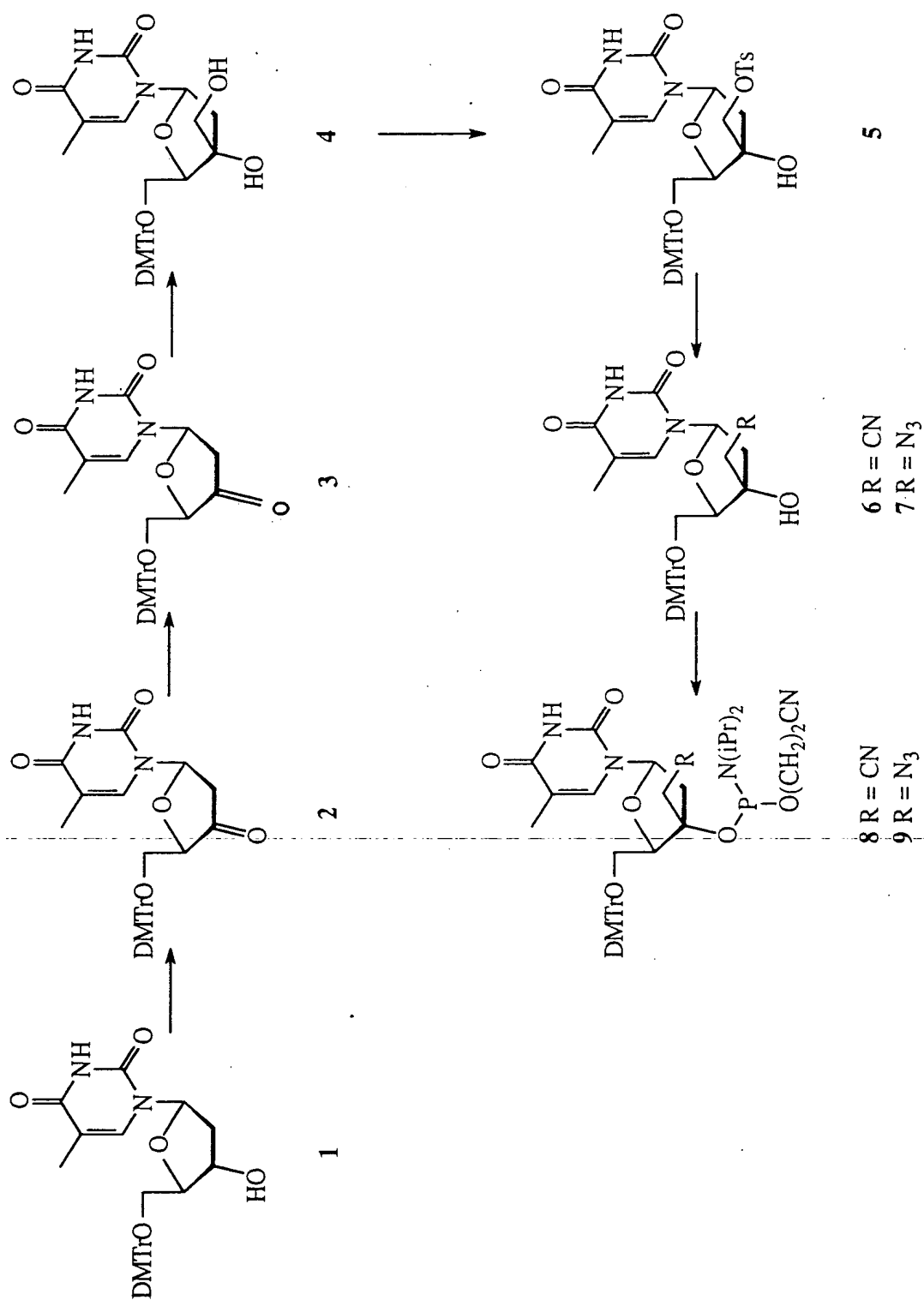


Figure 3. Reaction scheme 2.

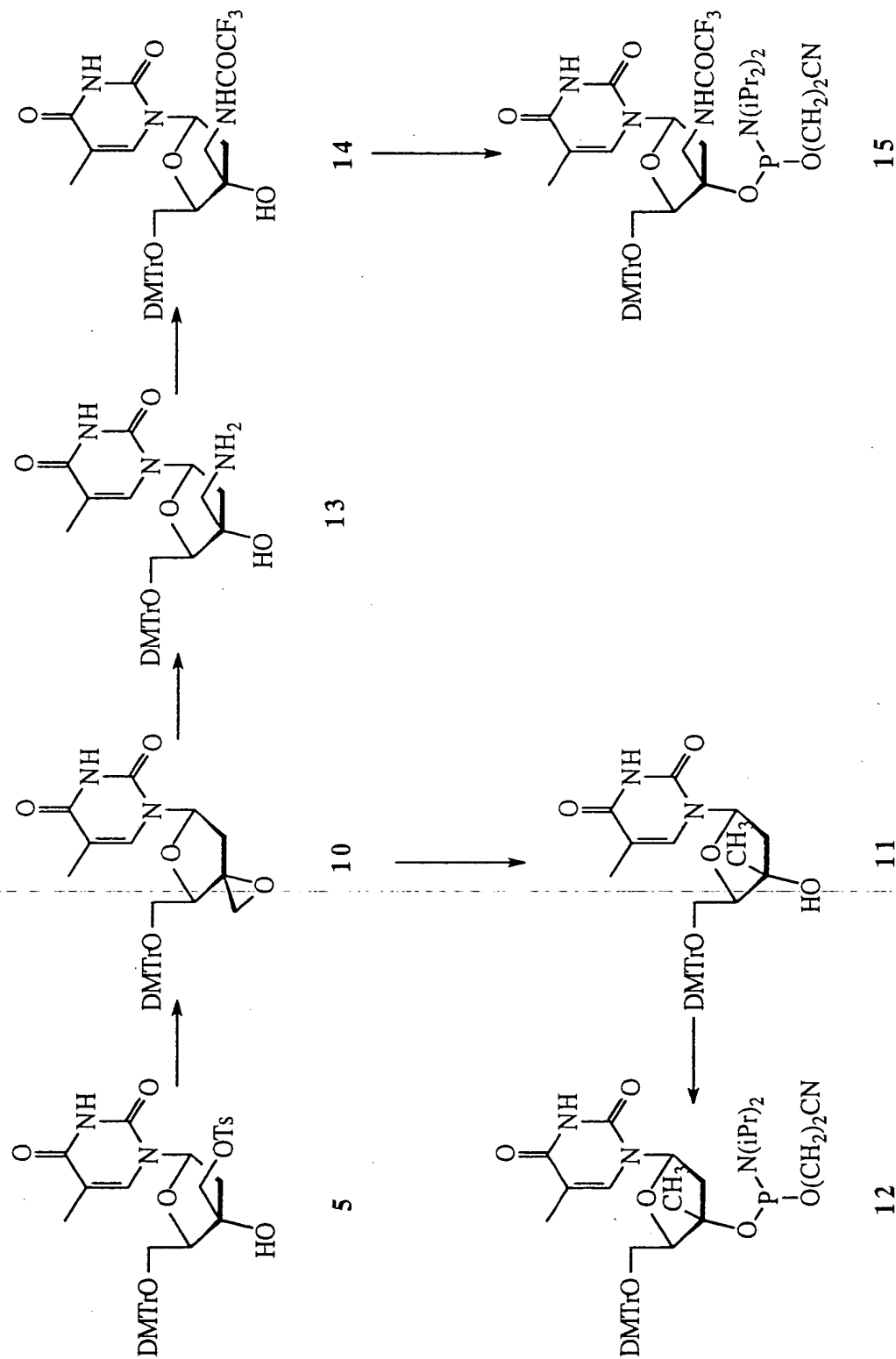


Figure 4. Reaction scheme 3.

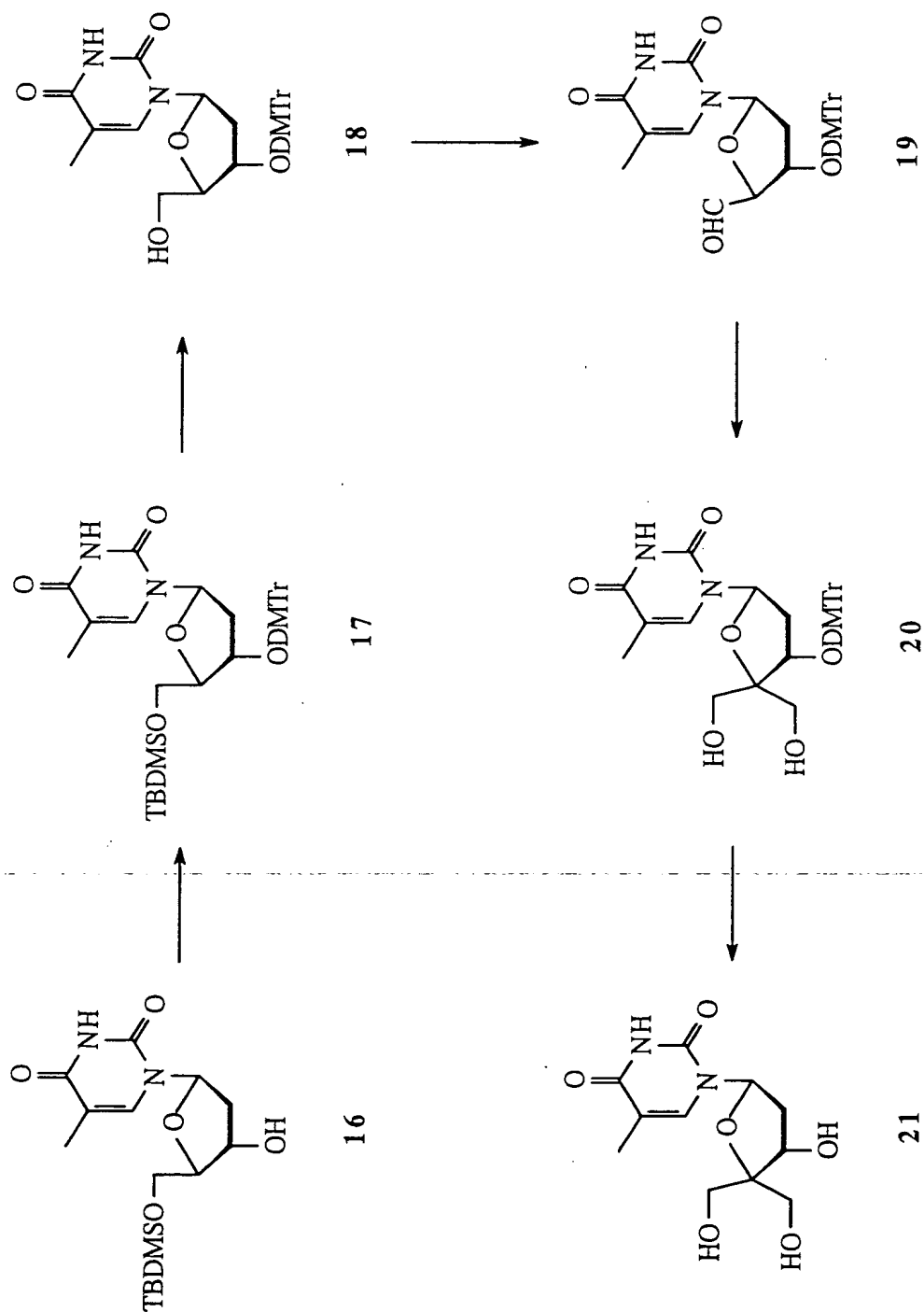


Figure 5. Reaction scheme 3 (Cont'd).

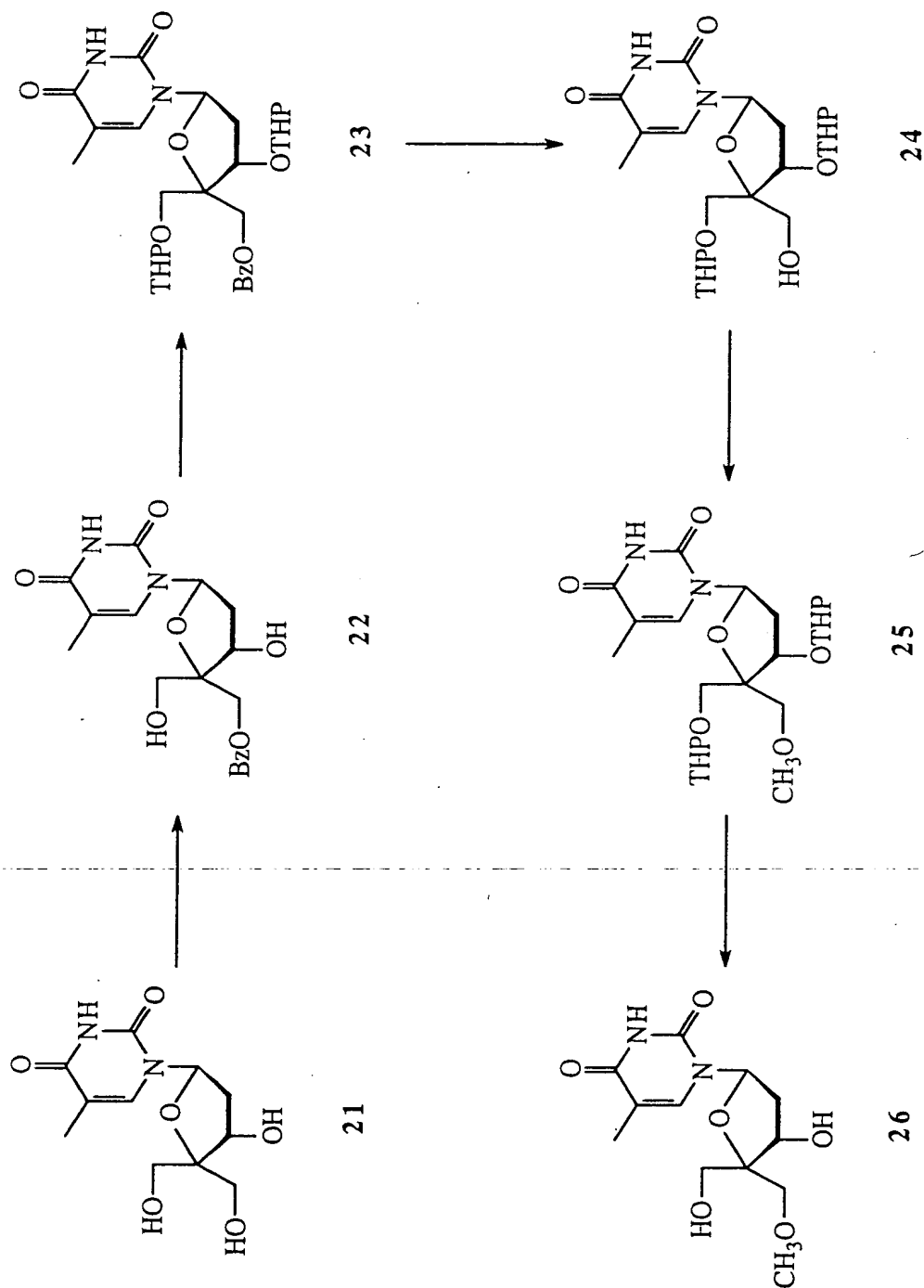


Figure 6. Reaction scheme 4.

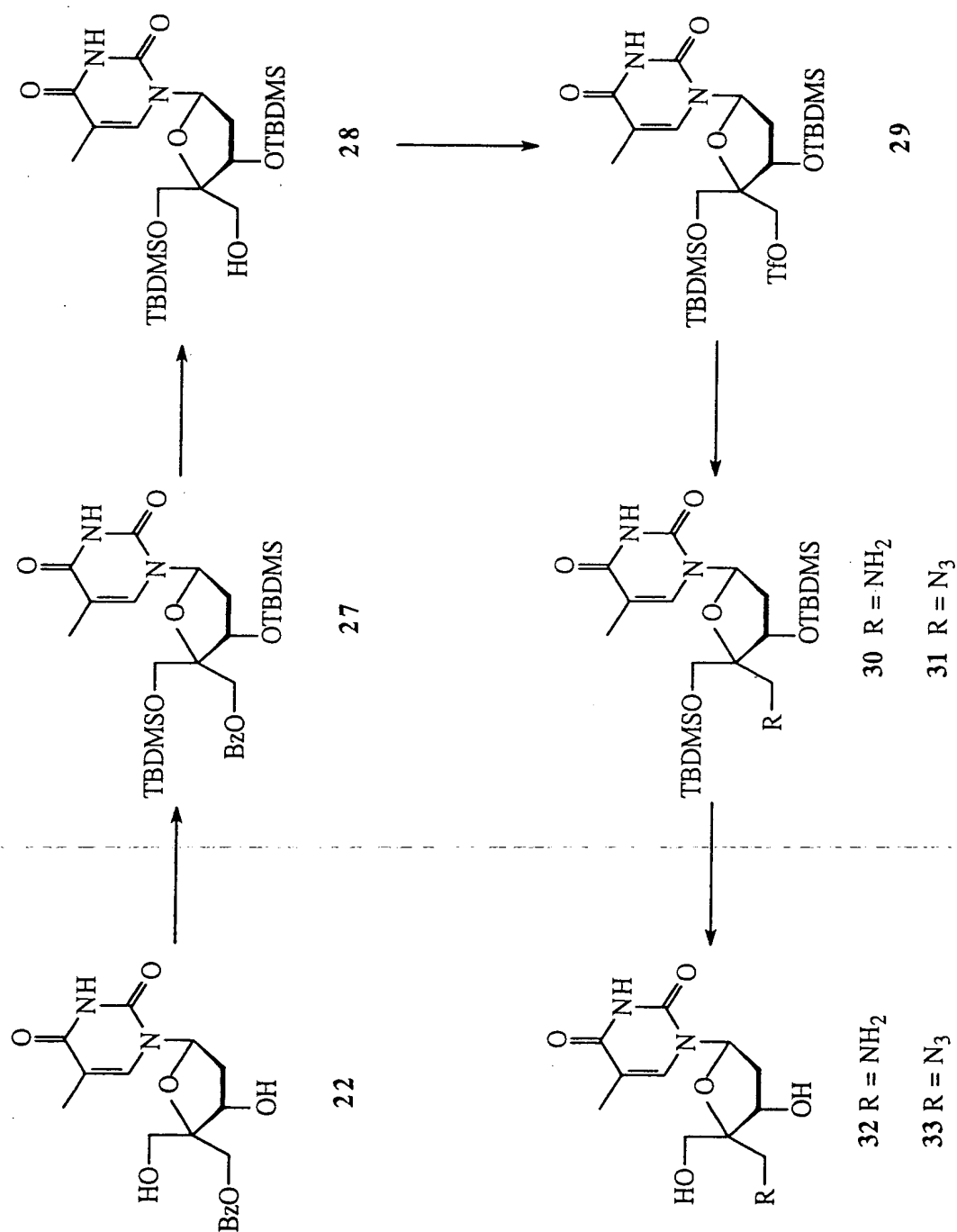


Figure 7 Reaction scheme 5.

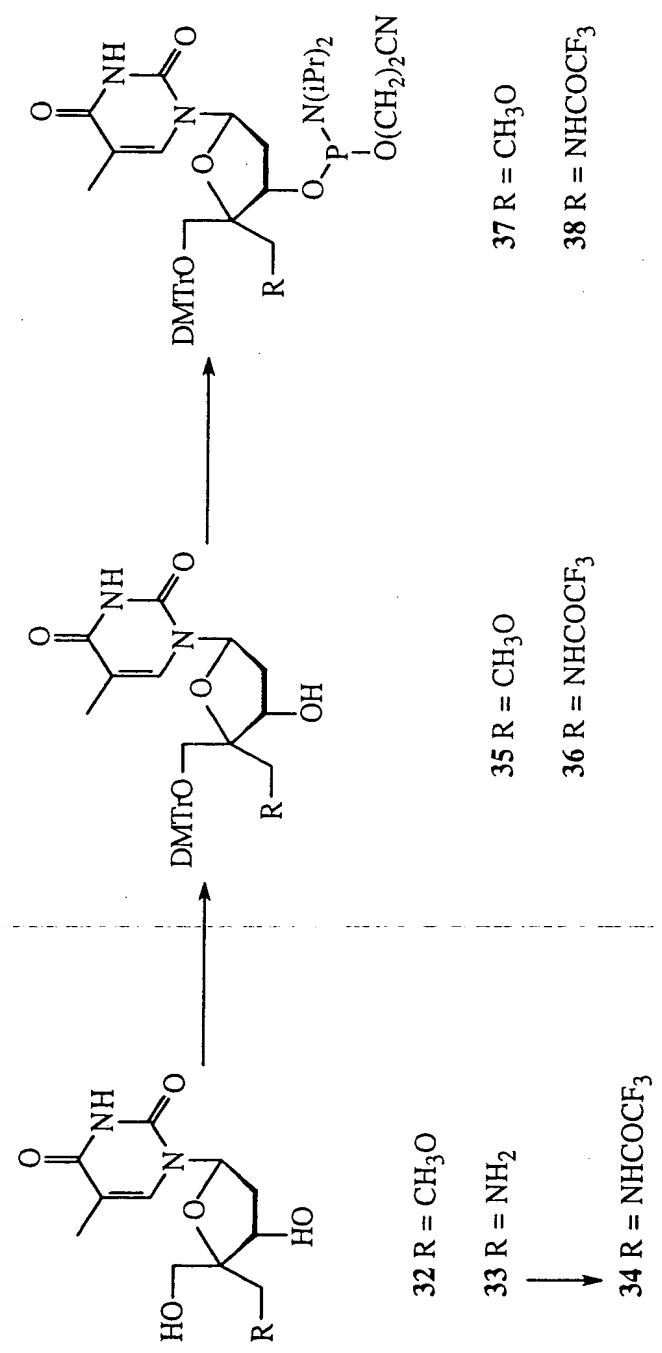


Figure 8. Reaction scheme 6.

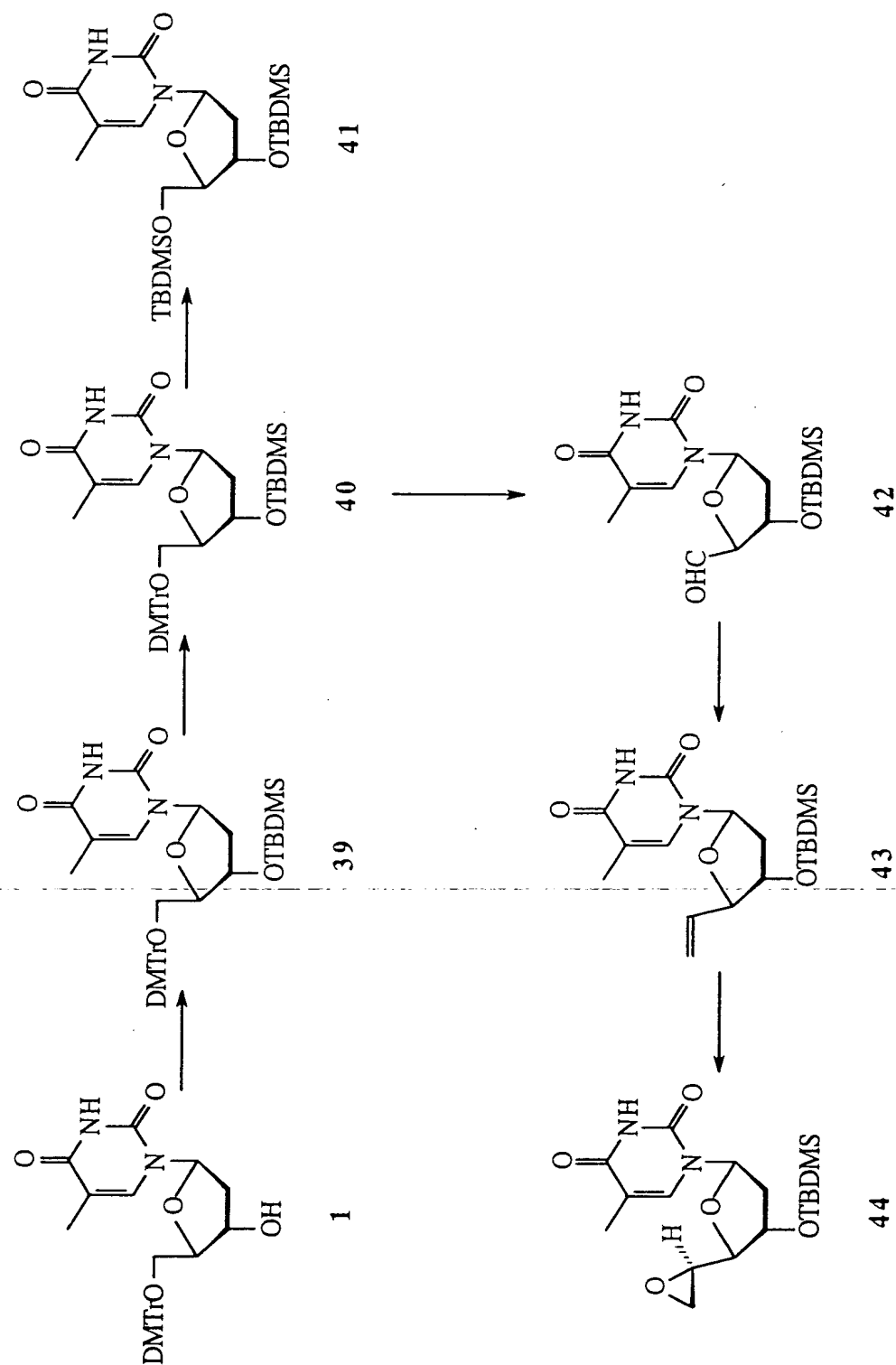




Figure 9. Reaction scheme 6 (Cont'd).

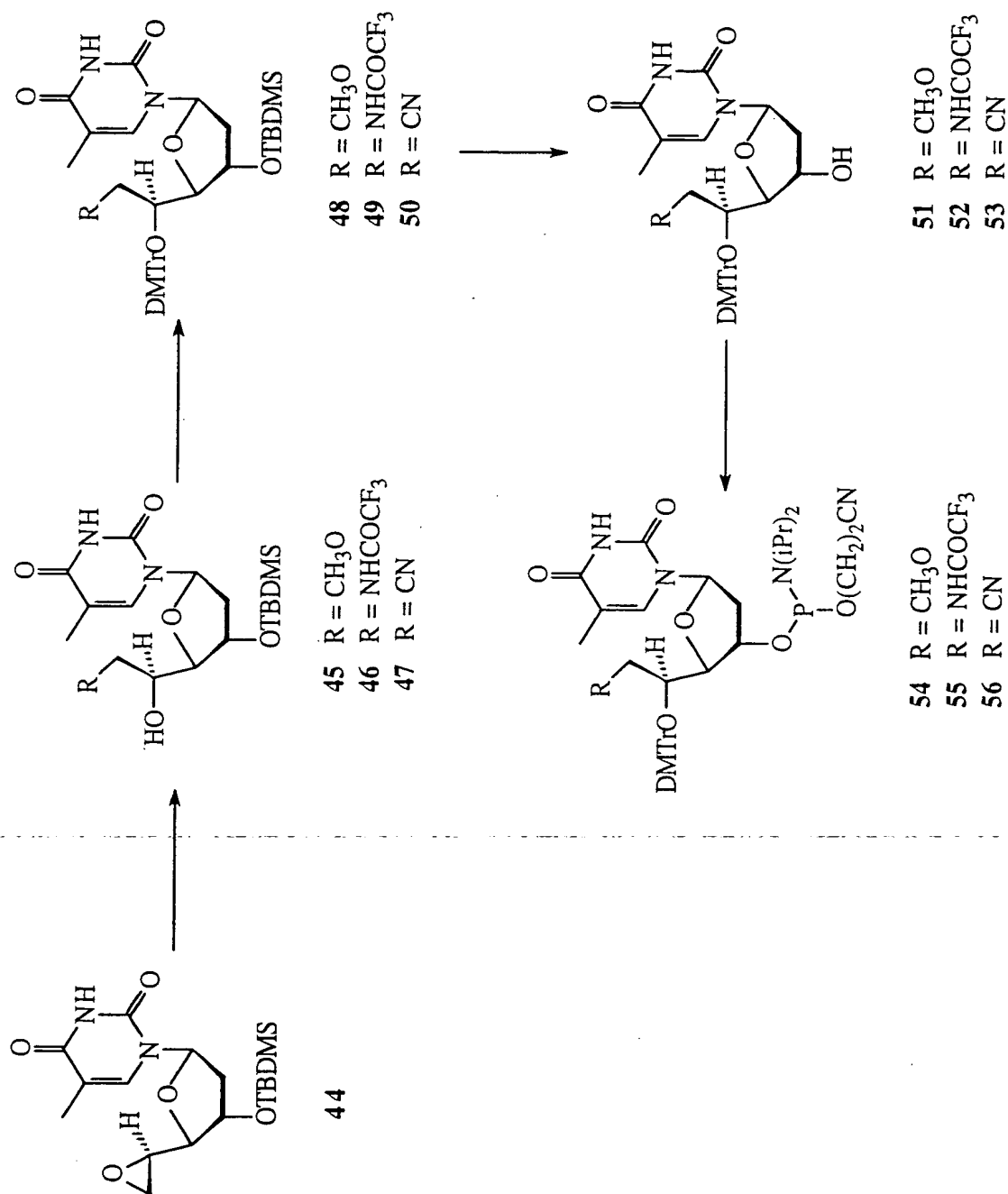


Figure 10. Reaction scheme 7.

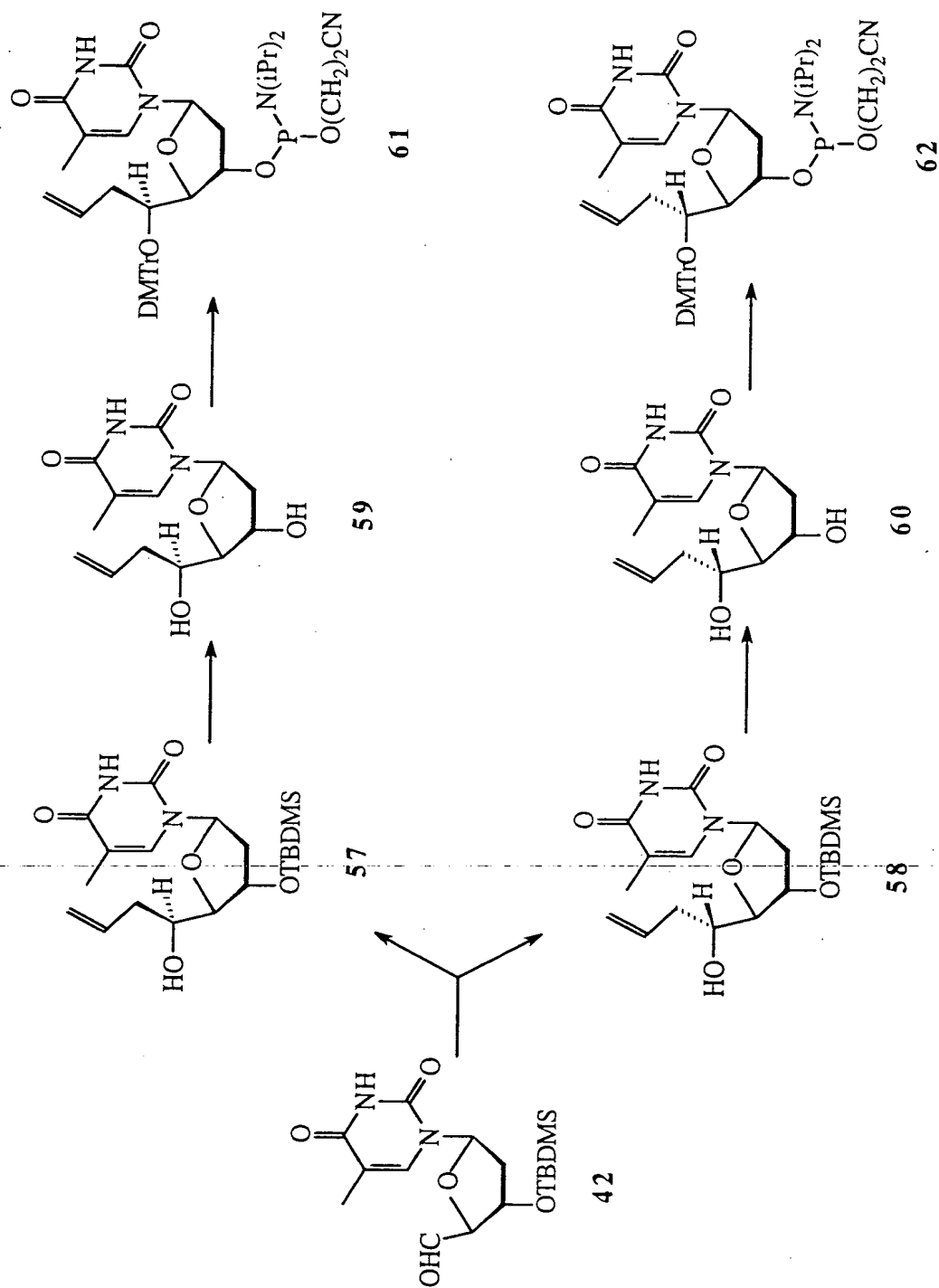
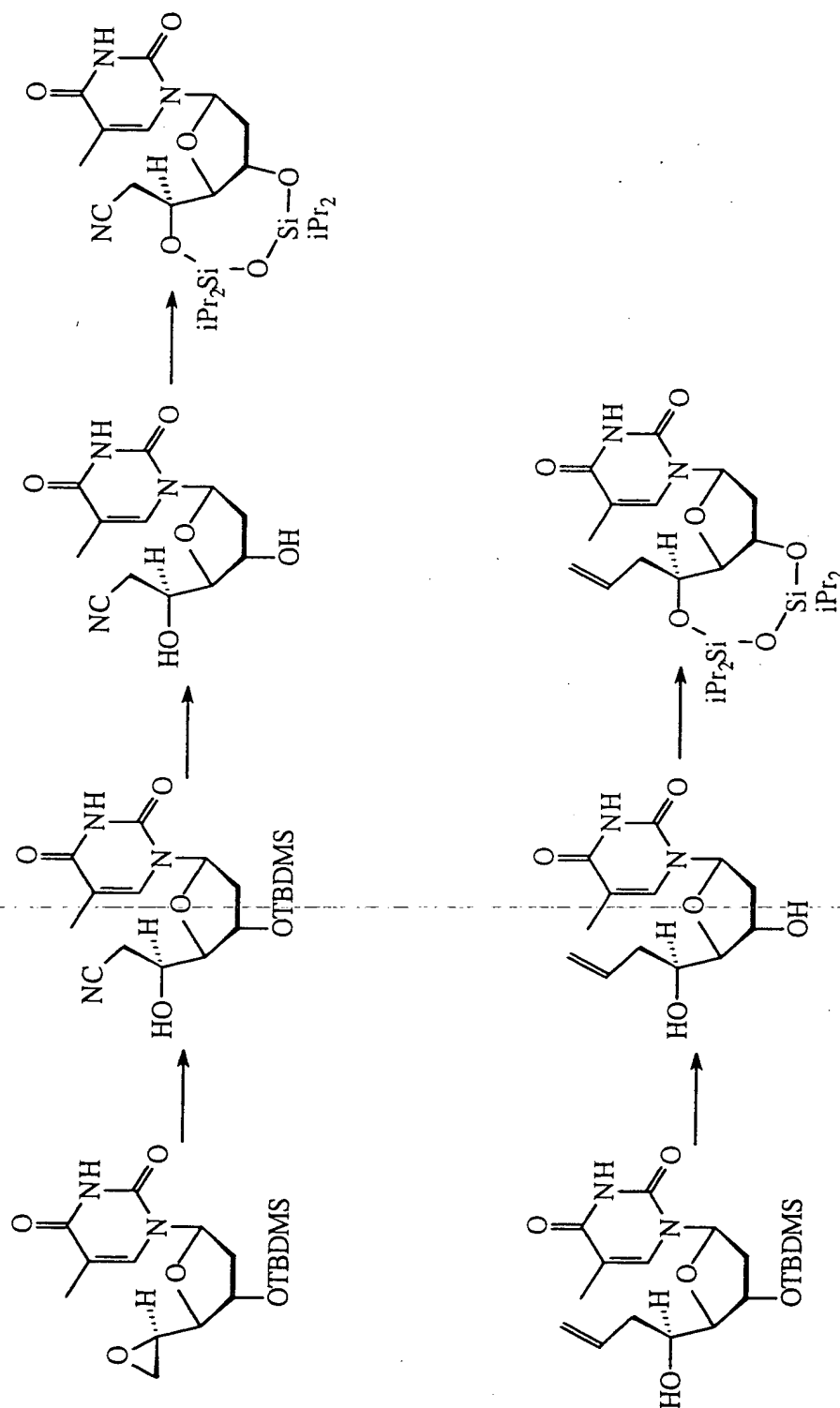
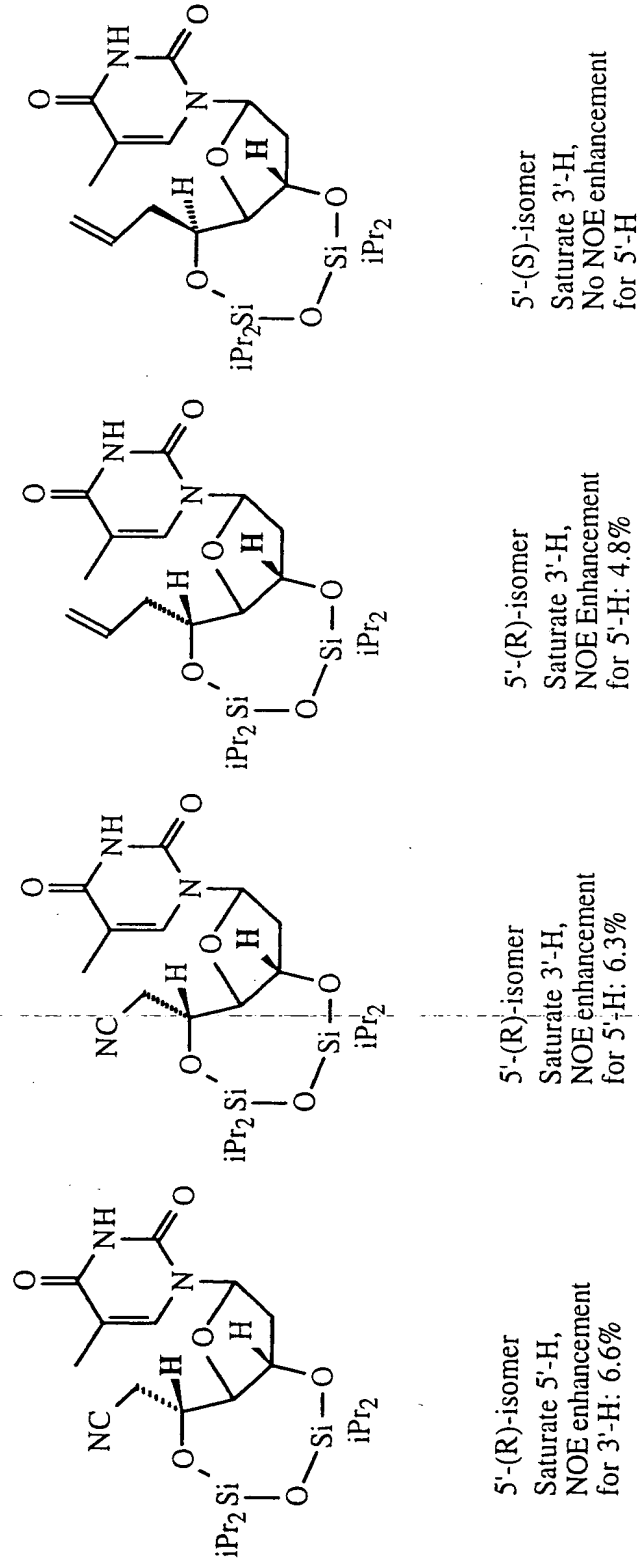


Figure 11. Reaction scheme 8.

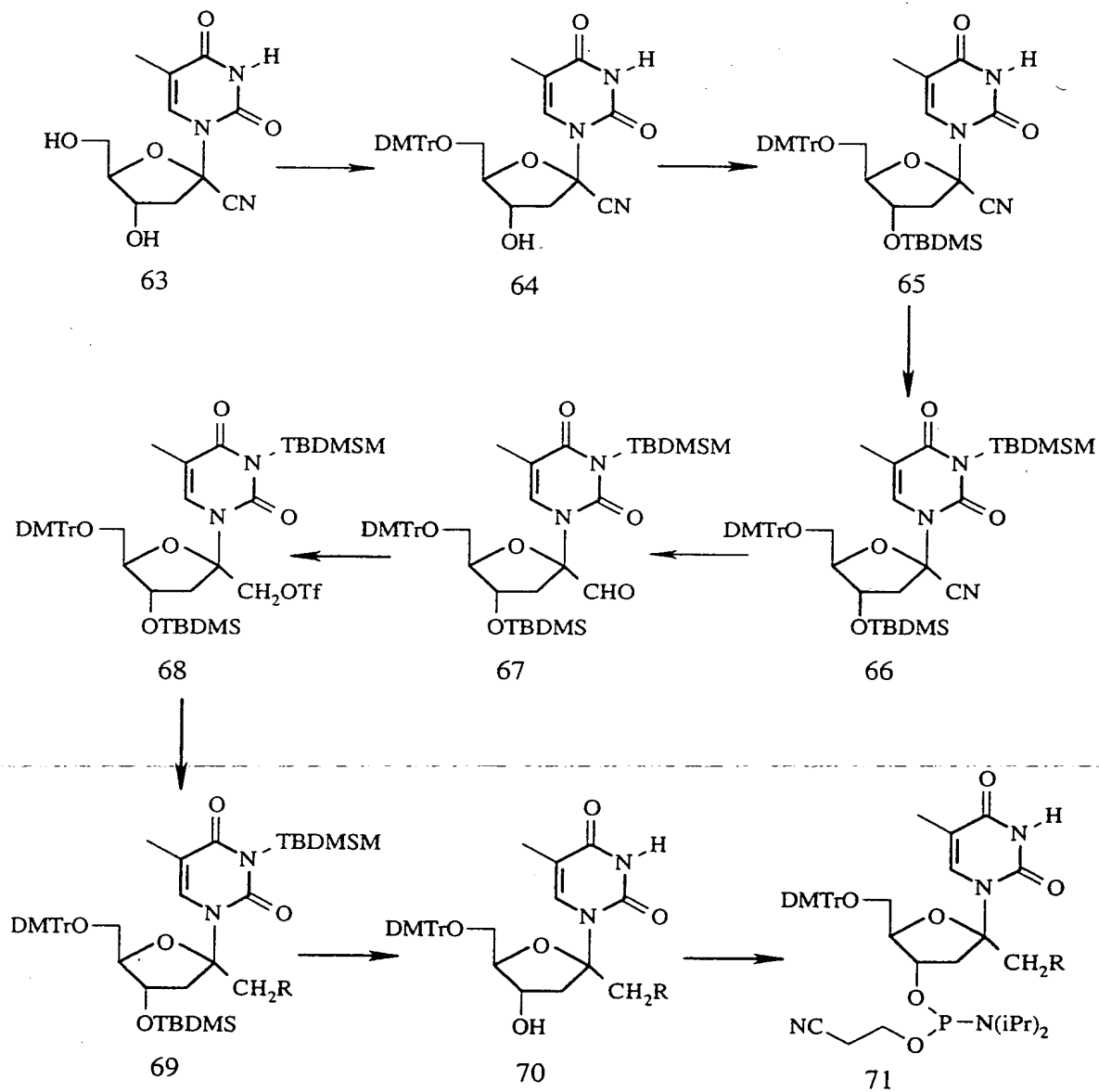


\* 5-(R)-Isomers were subjected to the same conversions.

**Figure 12.** Chart 1. Stereochemistry of 5'-C-Branched Thymidines: NOE Experiments

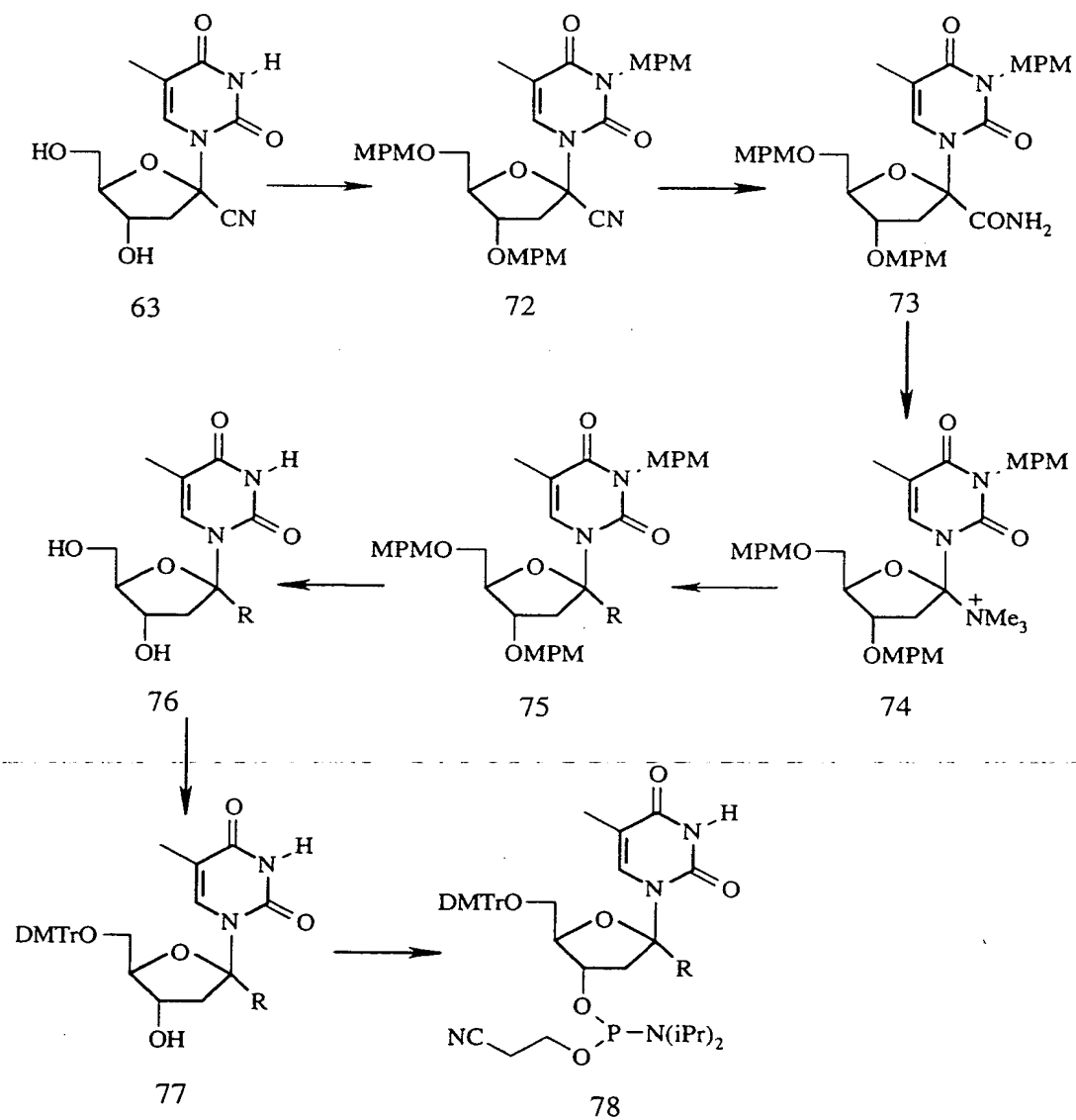


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**Figure 13.** Reaction scheme 9.

TBDMSM = t-butyldimethylsiloxyethyl

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**Figure 14.** Reaction scheme 10.

MPM = p-methoxybenzyl